

ATTORNEY'S DOCKET NO: 90274U

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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE | | DATE: <u>5</u> May 2006 (<u>5</u> .05.2006) |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. PPLN. NO. (if known): 107578355 New York Assigned |
| INTERNATIONAL APPLICATION NO.: PCT/US2004/037314 | INTERNATIONAL FILING DATE: 8 November 2004 (08.11.2004) | PRIORITY DATE CLAIMED: 7 November 2003 (07.11.2003) US |
| TITLE OF INVENTION: A REAGENT SYSTEM AND METHOD FOR MODIFYING THE LUMINESCENCE OF LANTHANIDE(III) MACROCYCLIC COMPLEXES | | |
| APPLICANT(S) FOR DO/EO/US: LEIF, Robert C.; YANG, Sean; VALLARINO, Lidia | | |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL FORM WITH FEE CALCULATION; APPLICATION WHICH CONSISTS OF 163 PAGES INCLUDING: 1 COVER SHEET CONTAINING THE ABSTRACT; 141 PAGES TEXTUAL SPECIFICATION, 5 PAGES OF 15 CLAIMS, 16 SHEETS DRAWINGS; UNEXECUTED INVENTOR'S DECLARATION/ INFORMATION DISCLOSURE STATEMENT; FORM 1449 CITING ONE REFERENCE.</p> | | |

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| U.S. APPLICATION NO. (if known) not yet assigned 10/578355 | INTERNATIONAL APPLICATION NO. PCT/US2004/037314 | DATE: <u>5</u> May 2006 (<u>5</u> .05.2006) |
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| 21. Basic national fee \$ 300 22. Examination fee If the written opinion prepared by the ISA/US or the international preliminary examination report prepared by IPEA/US and all claims satisfy Provisions of PCT Article 33(1)-(4) \$ 0 All other situations..... \$200 23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$ 0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500 <input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets to paper or fraction thereof. <div style="text-align: right;">TOTAL OF 21, 22 & 23 =</div> | <u>CALCULATIONS</u> \$ 300 \$ 200 \$ 100 \$ 500 \$ 1100 | <u>PTO USE ONLY</u> |
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| Surcharge of \$130.00 for furnishing the oath or declaration later than <u> </u> 20 <u> </u> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ | |
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| CLAIMS | NO. FILED | NO. EXTRA | RATE | | |
|--|-----------------|-----------|-------------|---------------|-----------------|
| TOTAL | <u>15</u> -20 = | 0 | X \$ 50.00 | \$ | 0.00 |
| INDEPENDENT | <u>4</u> -3 = | 1 | X \$ 200.00 | \$ | 200.00 |
| Multiple dependent claims(s) (if applicable) | | | + \$360.00 | \$ | 0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 1,300.00 |
| Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28). | | | | \$ | -650.00 |
| SUBTOTAL = | | | | \$ | 650.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <u> </u> 20 <u> </u> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | 0.00 |
| TOTAL NATIONAL FEE = | | | | \$ | 900.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$ | 0.00 |
| TOTAL FEES ENCLOSED = | | | | \$ | 650.00 |
| | | | | Amount to be: | |
| | | | | refunded | \$ |
| | | | | charged | \$ |
| | | | | | |

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a. ☒ One check in the aggregate amount of \$ 650.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ _____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

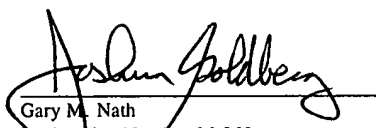
d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

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10/578355

MAIL STOP PCT

Attorney Docket No. 90274U

IAP12 Rec'd PCT/PTO 05 MAY 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

LEIF et al.

International Application No. PCT/US2004/037314

Serial No. NOT YET ASSIGNED

International Filing Date: 8 November 2004 (08.11.2004)

Filed: May 5, 2006

For: **A REAGENT SYSTEM AND METHOD FOR MODIFYING THE LUMINESCENCE OF LANTHANIDE(III) MACROCYCLIC COMPLEXES**

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

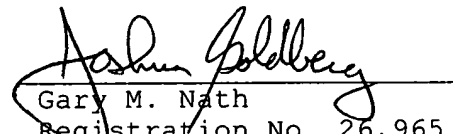
Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter
- (2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) Application which consists of 163 pages including:
 - 1 cover sheet containing the Abstract,
 - 141 pages Textual Specification,
 - 5 pages of 15 claims,
 - 16 sheets of Drawings;
- (4) Unexecuted Inventor's Declaration;
- (6) Information Disclosure Statement;
- (7) Form 1449 citing 1 reference;
- (8) Check No. 2077 \$ 650.00 for Government Filing Fee, Search fee, Examination Fee, 1 additional independent claim over 3 and application size fee for 63 pages over 100 as a small entity;
- (9) Postcard for early notification of serial number.

Respectfully submitted,

NATH & ASSOCIATES PLLC

By:


Gary M. Nath
Registration No. 26,965
Joshua B. Goldberg
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Date: May 5, 2006
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